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Docket No. 1151-4167

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant(s):

Chang Yi Wang

Group Art Unit:

TBA

AUG 2 9 2001

Serial No.:

TBA 09865294

Examiner:

TBA

TECH CENTER 1600/2900

Filed:

May 25, 2001

For:

IMMUNOGENIC PEPTIDE COMPOSITION FOR THE PREVENTION AND

TREATMENT OF ALTZHEIMERS DISEASE

EXPRESS MAIL CERTIFICATE

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Correspondence Address:

MORGAN & FINNEGAN, L.L.P.

345 Park Avenue

New York, NY 10154-0053

(212) 758-4800 Telephone

(212) 751-6849 Facsimile

#4/a DMT 8-3101



PATENT

Attorney Docket: 1151-4167 Express Mail No. EF 098 975 415US

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Commissioner for Patents Washington, D.C. 20231

Box: Non-fee Amendment

PRELIMINARY AMENDMENT

Sir:

a-1

Please amend the application as follows:

Page 12 to Page 13:

Immunoperoxidase staining of serial sections of AD brain with immune and preimmune sera at 1:100 dilution and under 40X magnification. Figures 2a and 2d showed that the antibodies in guinea pigs immunized with A β ₁₋₂₈- ϵ K-MVF Th1-16 (SEQ ID NO:74) prepared in ISA51 water-in-oil emulsion strongly stained the plaques (P) forming a pattern of cores. Figure 2b is a photograph of the staining pattern of AD brain sections using the same immunogen in CFA/ICFA formulation. The anti-sera reacted predominantly with plaques on the blood vessels (BV). Figure 2c is a photograph of an AD brain section with preimmune serum and showed no staining. Figure 2e shows the brain section with hyperimmune sera generated by immunization with A β ₁₋₂₈ peptide alone in CFA/ICFA showing a surprisingly weak staining pattern despite the strong reactivity with A β ₁₋₂₈ by ELISA.